

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2017 Estimated Costs and Returns per Animal Unit**  
**Cow-Calf Native Pasture - 40 Cows**  
**Central Texas Extension District - 8**

|   |       |            |         |          |            |              |
|---|-------|------------|---------|----------|------------|--------------|
| Animal Units (AU)                                       | 40    |            |         |          |            |              |
| Breeding Females  | 40    |            |         |          |            |              |
|   |       | Quantity   |         |          |            | Enterprise   |
| <b>REVENUE</b>  | Head  | Per Head   | Units   | \$/Unit  | Total      | Total        |
| Steer   | 0.425 | 4.80       | CWT     | \$150.00 | \$306.00   | \$12,240.00  |
| Heifer  | 0.275 | 4.50       | CWT     | \$142.00 | \$175.73   | \$7,029.00   |
| Cull Cow  | 0.100 | 9.00       | CWT     | \$65.00  | \$58.50    | \$2,340.00   |
| Cull Bull   | 0.010 | 16.00      | CWT     | \$72.00  | \$11.52    | \$460.80     |
| <b>Total Revenue</b>                                    |       |            |         |          | \$551.75   | \$22,069.80  |
|   |       |            |         |          |            | Enterprise   |
| <b>VARIABLE COSTS</b>                                   |       | Quantity   | Units   | \$/Unit  | Total      | Total        |
| <b>Production Costs</b>                                 |       |            |         |          |            |              |
| Marketing Expense                                       |       | 1.00       | AU      | \$8.77   | \$8.77     | \$350.70     |
| Feed  |       |            |         |          |            |              |
| Salt & Mineral - Cow                                    |       | 40         | Pound   | \$0.20   | \$8.00     | \$320.00     |
| Supplement - Cow  |       | 500        | Pound   | \$0.20   | \$100.00   | \$4,000.00   |
| Bermuda Hay   |       | 3          | Roll    | \$55.00  | \$165.00   | \$6,600.00   |
| Vet. Medicine   |       |            |         |          |            |              |
| Vet. Medicine - Cow                                     |       | 1          | Head    | \$7.00   | \$7.00     | \$280.00     |
| Fuel  |       | 1.0        | AU      | \$15.53  | \$15.53    | \$621.27     |
| Lube (As a % of fuel)                                   |       | 10.0%      | Percent | \$15.53  | \$1.55     | \$62.13      |
| Repairs   |       | 1          | AU      | \$5.96   | \$5.96     | \$238.40     |
| Labor   |       | 8.51       | Hours   | \$5.19   | \$44.13    | \$1,765.00   |
| Interest on Credit Line                                 |       |            |         | 4.75%    | \$21.39    | \$855.65     |
| <b>Total Variable Costs</b>                             |       |            |         |          | \$377.33   | \$15,093.15  |
| <b>Planned Returns Above Variable Costs:</b>            |       |            |         |          | \$174.42   | \$6,976.65   |
| Average Calf Breakeven Price to Cover Variable Costs    |       |            |         | \$93.76  | CWT        |              |
|   |       |            |         |          |            | Enterprise   |
| <b>FIXED COSTS</b>                                      |       | Quantity   | Units   | \$/Unit  | Total      | Total        |
| Depreciation - Equipment                                |       | 1          | AU      | \$41.89  | \$41.89    | \$1,675.44   |
| Depreciation - Livestock                                |       | 1          | AU      | \$14.98  | \$14.98    | \$599.33     |
| Equipment Investment                                    |       | \$1,027.09 | dollars | 6.00%    | \$61.63    | \$2,465.02   |
| Pasture Cost  |       | 25         | Acres   | \$12.00  | \$300.00   | \$12,000.00  |
| <b>Total Fixed Costs</b>                                |       |            |         |          | \$418.49   | \$16,739.79  |
| <b>Total Costs</b>                                      |       |            |         |          | \$795.82   | \$31,832.94  |
| <b>Planned Returns to Management, Risk, and Profit:</b> |       |            |         |          | (\$244.08) | (\$9,763.14) |
| Average Calf Breakeven Price to Cover Total Costs       |       |            |         | \$221.45 | CWT        |              |

| <b>Sensitivity Analysis for Example</b> |                                     |                        |   |   |
|---|-------------------------------------|------------------------|---|---|
| Example Weaning Percent                 | Example Gross Sales per Animal Unit | Pounds Produced per AU | Example Breakeven Calf Pay Weight to Cover Total Cost | Example Average Breakeven Price to Cover Total Cost |
| 91%                                     | \$585.75                            | 457                    | 610   | \$206.85  |
| 88%                                     | \$568.75                            | 445                    | 633   | \$213.90  |
| 85%                                     | \$551.75                            | 434                    | 658   | \$221.45  |
| 82%                                     | \$534.74                            | 422                    | 686   | \$229.55  |
| 79%                                     | \$517.74                            | 411                    | 716   | \$238.27  |

|  |          |
|--|----------|
| Example Male Calf Price                      | \$150.00 |
| Example Female Calf Price                    | \$142.00 |
| Example Weighted Average Calf Price (\$/cwt) | \$146.98 |

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**Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.**